

What is Claimed is:

1. A sunshade for detachably mounting at a window frame of a vehicle, comprising:

5 a fabric shelter, which is sized and shaped adapted for sheltering a window of said window frame, having a heat blocking side for blocking heat radiation of sunlight from entering into said vehicle through said window frame, and

10 a retention frame having at least two resilient retention portions spacedly mounted along a peripheral edge of said fabric shelter, wherein said resilient retention portions of said retention frame is adapted to be deformed for respectively applying an urging force against corners of said window frame of said vehicle so as to substantially support said fabric shelter within said window frame while said side window thereof is allowed to be normally operated.

15 2. The sunshade, as recited in claim 1, wherein each of said resilient retention portions of said retention frame is bent to shape as a resilient cornering holder having an attachment angle larger than an interior angle of said corresponding corner of said window frame, wherein said resilient cornering holder is adapted to be bent to adjust said attachment angle thereof for fitting to said corresponding corner of said window frame so as to substantially hold said retention frame within said window frame.

20 3. The sunshade, as recited in claim 2, wherein said two resilient cornering holders are formed diagonally for mounting at two diagonal acute angled corners of said window frame respectively.

25 4. The sunshade, as recited in claim 1, wherein said retention frame comprises a plurality of retention arms extended from said resilient retention portions ends to ends to form a loop boundary, wherein said loop boundary of said retention frame is substantially attached to said peripheral edge of said fabric shelter so as to retain said fabric shelter within said loop boundary in position.

5. The sunshade, as recited in claim 2, wherein said retention frame comprises a plurality of retention arms extended from said resilient retention portions

ends to ends to form a loop boundary, wherein said loop boundary of said retention frame is substantially attached to said peripheral edge of said fabric shelter so as to retain said fabric shelter within said loop boundary in position.

5        6.    The sunshade, as recited in claim 3, wherein said retention frame comprises a plurality of retention arms extended from said resilient retention portions ends to ends to form a loop boundary, wherein said loop boundary of said retention frame is substantially attached to said peripheral edge of said fabric shelter so as to retain said fabric shelter within said loop boundary in position.

10       7.    The sunshade, as recited in claim 4, wherein said retention arms are integrally extended from said resilient retention portions to form said boundary loop such that said retention frame, having resilient ability, provides a stretching force on said fabric shelter so as to retain said fabric shelter within said boundary loop in a tension manner.

15       8.    The sunshade, as recited in claim 5, wherein said retention arms are integrally extended from said resilient retention portions to form said boundary loop such that said retention frame, having resilient ability, provides a stretching force on said fabric shelter so as to retain said fabric shelter within said boundary loop in a tension manner.

20       9.    The sunshade, as recited in claim 6, wherein said retention arms are integrally extended from said resilient retention portions to form said boundary loop such that said retention frame, having resilient ability, provides a stretching force on said fabric shelter so as to retain said fabric shelter within said boundary loop in a tension manner.

25       10.   The sunshade, as recited in claim 4, wherein said retention arms are coupled with said resilient retention portions to form said boundary loop, wherein each of said retention arms is embodied as an extension portion extended between said resilient retention portions such that said retention arms reinforces said fabric shelter in position while only said resilient retention provide said urging force for biasing against said corners of said window frame respectively.

11. The sunshade, as recited in claim 5, wherein said retention arms are coupled with said resilient retention portions to form said boundary loop, wherein each of said retention arms is embodied as an extension portion extended between said resilient retention portions such that said retention arms reinforces said fabric shelter in position while only said resilient retention provide said urging force for biasing against said corners of said window frame respectively.

12. The sunshade, as recited in claim 6, wherein said retention arms are coupled with said resilient retention portions to form said boundary loop, wherein each of said retention arms is embodied as an extension portion extended between said resilient retention portions such that said retention arms reinforces said fabric shelter in position while only said resilient retention provide said urging force for biasing against said corners of said window frame respectively.

13. The sunshade, as recited in claim 3, wherein said fabric shelter is made of heat blocking material that allows a certain amount of sunlight entering into said vehicle.

14. The sunshade, as recited in claim 9, wherein said fabric shelter is made of heat blocking material that allows a certain amount of sunlight entering into said vehicle.

15. The sunshade, as recited in claim 12, wherein said fabric shelter is made of heat blocking material that allows a certain amount of sunlight entering into said vehicle.

16. The sunshade, as recited in claim 3, wherein said fabric shelter further has a positioning split formed at a mid-portion of a longitudinal edge of said fabric shelter, wherein said retention frame is extended along said positioning split of said fabric shelter while one of said resilient retaining portions of said retention frame is provided at said positioning split to selectively adjust a width of said positioning split.

17. The sunshade, as recited in claim 9, wherein said fabric shelter further has a positioning split formed at a mid-portion of a longitudinal edge of said fabric shelter, wherein said retention frame is extended along said positioning split of said fabric shelter while one of said resilient retaining portions of said retention frame is provided at said positioning split to selectively adjust a width of said positioning split.

18. The sunshade, as recited in claim 12, wherein said fabric shelter further has a positioning split formed at a mid-portion of a longitudinal edge of said fabric shelter, wherein said retention frame is extended along said positioning split of said fabric shelter while one of said resilient retaining portions of said retention frame is provided at  
5 said positioning split to selectively adjust a width of said positioning split.

19. A vehicle window arrangement of a vehicle, comprising:

a window frame defining a plurality of corners each having an interior angle;

a window supported by said window frame; and

a sunshade detachably mounted at said window frame, comprising:

10 a fabric shelter, which is sized and shaped adapted to shelter said side window of said window frame, having a heat blocking side for blocking heat radiation of sunlight from entering into said vehicle through said window frame, and

a retention frame having at least two resilient retention portions spacedly mounted along a peripheral edge of said fabric shelter, wherein said resilient retention  
15 portions of said retention frame is adapted to be deformed to respectively apply an urging force against said corners of said window frame so as to substantially support said fabric shelter within said window frame while said window thereof is allowed to be normally operated.

20 20. The vehicle window arrangement, as recited in claim 19, wherein each of said resilient retention portions of said retention frame is bent to shape as a resilient cornering holder having an attachment angle larger than said interior angle of said corresponding corner of said window frame, wherein said resilient cornering holder is adapted to be bent to adjust said attachment angle thereof for fitting to said corresponding corner of said window frame so as to substantially hold said retention frame within said  
25 window frame.

21. The vehicle window arrangement, as recited in claim 20, wherein said two resilient cornering holders are formed diagonally for mounting at two diagonal corners of

said window frame respectively, wherein each of said diagonal corners has an acute angle.

22. The vehicle window arrangement, as recited in claim 19, wherein said retention frame comprises a plurality of retention arms extended from said resilient retention portions ends to ends to form a loop boundary, wherein said loop boundary of said retention frame is substantially attached to said peripheral edge of said fabric shelter so as to retain said fabric shelter within said loop boundary in position.

23. The vehicle window arrangement, as recited in claim 21, wherein said retention frame comprises a plurality of retention arms extended from said resilient retention portions ends to ends to form a loop boundary, wherein said loop boundary of said retention frame is substantially attached to said peripheral edge of said fabric shelter so as to retain said fabric shelter within said loop boundary in position.

24. The vehicle window arrangement, as recited in claim 22, wherein said retention arms are integrally extended from said resilient retention portions to form said boundary loop such that said retention frame, having resilient ability, provides a stretching force on said fabric shelter so as to retain said fabric shelter within said boundary loop in a tension manner.

25. The vehicle window arrangement, as recited in claim 23, wherein said retention arms are integrally extended from said resilient retention portions to form said boundary loop such that said retention frame, having resilient ability, provides a stretching force on said fabric shelter so as to retain said fabric shelter within said boundary loop in a tension manner.

26. The vehicle window arrangement, as recited in claim 22, wherein said retention arms are coupled with said resilient retention portions to form said boundary loop, wherein each of said retention arms is embodied as an extension portion extended between said resilient retention portions such that said retention arms reinforces said fabric shelter in position while only said resilient retention provide said urging force for biasing against said corners of said window frame respectively.

27. The vehicle window arrangement, as recited in claim 23, wherein said retention arms are coupled with said resilient retention portions to form said boundary

loop, wherein each of said retention arms is embodied as an extension portion extended between said resilient retention portions such that said retention arms reinforces said fabric shelter in position while only said resilient retention provide said urging force for biasing against said corners of said window frame respectively.

5           28. The vehicle window arrangement, as recited in claim 21, wherein said fabric shelter is made of heat blocking material that allows a certain amount of sunlight entering into said vehicle.

          29. The vehicle window arrangement, as recited in claim 25, wherein said fabric shelter is made of heat blocking material that allows a certain amount of sunlight  
10 entering into said vehicle.

          30. The vehicle window arrangement, as recited in claim 27, wherein said fabric shelter is made of heat blocking material that allows a certain amount of sunlight entering into said vehicle.

          31. The vehicle window arrangement, as recited in claim 21, wherein said  
15 fabric shelter further has a positioning split formed at a mid-portion of a longitudinal edge of said fabric shelter, wherein said retention frame is extended along said positioning split of said fabric shelter while one of said resilient retaining portions of said retention frame is provided at said positioning split to selectively adjust a width of said positioning split.

20           32. The vehicle window arrangement, as recited in claim 25, wherein said fabric shelter further has a positioning split formed at a mid-portion of a longitudinal edge of said fabric shelter, wherein said retention frame is extended along said positioning split of said fabric shelter while one of said resilient retaining portions of said retention frame is provided at said positioning split to selectively adjust a width of said  
25 positioning split.

          33. The vehicle window arrangement, as recited in claim 27, wherein said fabric shelter further has a positioning split formed at a mid-portion of a longitudinal edge of said fabric shelter, wherein said retention frame is extended along said positioning split of said fabric shelter while one of said resilient retaining portions of said

retention frame is provided at said positioning split to selectively adjust a width of said positioning split.